

First Third And Second Third Land Ban Wastes
Demonstration of Practically Available
Technology which yields the Greatest
Environmental Benefit. For use with
land ban wastes where no treatment
standard has been set by EPA - (soft hammer wastes)

2496

Mr. VALDAS V. ADAMKUS
Regional Administrator
EPA Region V
230 S. DEARBORN
CHICAGO, IL 60604

SHIPMENT TO: PSC Environmental Management, Inc
6125 1/2 N. Pecatonica RD, P.O. 6
Pecatonica, IL 61063
EPA# ILD980502744
PSC Profile # 2734

Dear Mr. ADAMKUS

RECEIVED
WMD RCRA
CENTER

2/1/93

This notification is a demonstration and certification that I have selected
high temperature incineration as the practically available technology wh
yields the greatest environmental benefit.

I. Identification information

Generator Name: ILLINOIS INSTITUTE OF TECHNOLOGY
Address: 3325 S. FEDERAL
CHICAGO, IL 60616
EPA ID#: ILD 982644569

Manifest #: IL 3214842
Completed By: MIKE WILK
Title: AGENT FOR PES
Date: 9-22-89

This shipment as referenced by the Manifest No. contains waste(a) which
correspond to the following USEPA Hazardous Waste Number(s): 11219

Additional Waste Numbers may be listed on the Manifest.

II. In order to determine that high temperature incineration is the practic
available technology which yields the greatest environmental benefit, I
contacted the facilities and officials listed below:

1. Official ANDY SULEPHEN
Title APPROVALS
Company PSC ENVIRONMENTAL MGT
Address 6125 1/2 N PECATONICA, PECATONICA, IL 61063
Telephone No. 815-234-1859
Date of Contact 7-27-89

2. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____

3. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____

Note: Part II need only be completed with the first shipment of wastes
regulated by the land ban rules.

III. I certify under penalty of law that the requirements of 40 CFR Part 2
(a) (1) have been met and that I have contracted to treat my waste by
practically available technology which yields the greatest environmen
benefit, as indicated in my demonstration. I believe that the inform
submitted is true, accurate, and complete. I am aware that there are
significant penalties for submitting false information, including the
possibility of fine and imprisonment.

DAVID W. SCHMIDT

David W. Schmidt

9-26-89

2444

First Third And Second Third Land Ban Wastes
Demonstration of Practically Available
Technology which yields the Greatest
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standard has been set by EPA - (soft hammer wastes)

Mr. VALDAS V. ADAMKUS
Regional Administrator
EPA Region V
230 S. DEARBORN
CHICAGO, IL 60604

SHIPMENT TO: PSC Environmental Management, Inc.
6125 1/2 N. Pecatonica RD, P.O. 697
Pecatonica, IL 61063
EPA# ILD980502744
PSC Profile # 3342

RECEIVED
WMD RCRA
RECORD CENTER
1/29/93

Dear Mr. ADAMKUS

This notification is a demonstration and certification that I have selected **high temperature incineration** as the practically available technology which yields the greatest environmental benefit.

I. Identification information

Generator Name: ILLINOIS INSTITUTE OF TECHNOLOGY
Address: 3324 S. FEDERAL
CHICAGO, IL 60616
EPA ID#: ILD982644569

Manifest #: IL 3242517
Completed By: MIKE WILK
Title: AGENT FOR PES/11T
Date: 11/28/89

This shipment as referenced by the Manifest No. contains waste(a) which correspond to the following USEPA Hazardous Waste Number(s): 4188, 4220
4021, 4115, 4092

Additional Waste Numbers may be listed on the Manifest.

II. In order to determine that high temperature incineration is the practically available technology which yields the greatest environmental benefit, I contacted the facilities and officials listed below:

1. Official ANDY SULEPHEN
Title APPROVALS
Company PSC ENVIRONMENTAL MGT
Address 6125 1/2 N. PECATONICA, PECATONICA, IL 61063
Telephone No. 815-239-1859
Date of Contact 7-27-89

2. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____

3. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____

Note: Part II need only be completed with the first shipment of wastes regulated by the land ban rules.

III. I certify under penalty of law that the requirements of 40 CFR Part 268.8 (a) (1) have been met and that I have contracted to treat my waste by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name MIKE WILK (AGENT FOR PES/11T) Signature Mike Wilk

Date 11/28/89

First Third And Second Third Land Ban Wastes
Demonstration of Practically Available
Technology which yields the Greatest
Environmental Benefit. For use with
land ban wastes where no treatment
standard has been set by EPA - (soft hammer wastes)

2488

Mr. VALDAS V. ADAMKUS
Regional Administrator
EPA Region V
230 S. DEARBORN
CHICAGO, IL 60604

SHIPMENT TO: PSC Environmental Management, Inc.
6125 1/2 N. Pecatonica RD, P.O. 697
Pecatonica, IL 61063
EPA# ILD980502744
PSC Profile # 2741

Dear Mr. ADAMKUS

This notification is a demonstration and certification that I have selected
high temperature incineration as the practically available technology which
yields the greatest environmental benefit.

I. Identification information

Generator Name: MICHAEL REESE HOSPITAL Manifest #: IL 3214828
Address: LAKE SHORE DRIVE AT 31ST Completed By: MIKE WILK
CHICAGO IL 60611 Title: Agent for PES
EPA ID#: ILD 982625006 Date: 9-21-89

This shipment as referenced by the Manifest No. contains waste(a) which
correspond to the following USEPA Hazardous Waste Number(s): 4044, 4188

Additional Waste Numbers may be listed on the Manifest.

II. In order to determine that high temperature incineration is the practically
available technology which yields the greatest environmental benefit, I
contacted the facilities and officials listed below:

1. Official <u>ANDY SULEPHEN</u>	2. Official _____
Title <u>APPROVALS</u>	Title _____
Company <u>PSC ENVIRONMENTAL MGT</u>	Company _____
Address <u>6125 1/2 N. PECATONICA, PECATONICA, IL 61063</u>	Address _____
Telephone No. <u>815-239-1859</u>	Telephone No. _____
Date of Contact <u>7-27-89</u>	Date of Contact _____
3. Official _____	
Title _____	
Company _____	
Address _____	
Telephone No. _____	
Date of Contact _____	

Note: Part II need only be completed with the first shipment of wastes
regulated by the land ban rules.

III. I certify under penalty of law that the requirements of 40 CFR Part 268.8
(a) (1) have been met and that I have contracted to treat my waste by the
practically available technology which yields the greatest environmental
benefit, as indicated in my demonstration. I believe that the information
submitted is true, accurate, and complete. I am aware that there are
significant penalties for submitting false information, including the
possibility of fine and imprisonment.

Technology which yields the Greatest
Environmental Benefit. For use with
land ban wastes where no treatment
standard has been set by EPA - (soft hammer wastes)

2489

Mr. VALDAS V. ADAMKUS
Regional Administrator
EPA Region V
2305 DEARBORN
CHICAGO, IL 60604

SHIPMENT TO: PSC Environmental Management, Inc.
6125 1/2 N. Pecatonica RD, P.O. 697
Pecatonica, IL 61063
EPA# ILD980502744
PSC Profile # 2741

Dear Mr. ADAMKUS

This notification is a demonstration and certification that I have selected
high temperature incineration as the practically available technology which
yields the greatest environmental benefit.

I. Identification information

Generator Name: MICHAEL REESE HOSPITAL
Address: LAKE SHORE DRIVE AT 31ST
CHICAGO, IL 60611
EPA ID#: ILD982625006

Manifest #: IL 3214889
Completed By: MIKE WILK
Title: Agent for PES
Date: 9-26-89

This shipment as referenced by the Manifest No. contains waste(a) which
correspond to the following USEPA Hazardous Waste Number(s): P106, P098
U012, U169 U133

Additional Waste Numbers may be listed on the Manifest.

II. In order to determine that high temperature incineration is the practically
available technology which yields the greatest environmental benefit, I
contacted the facilities and officials listed below:

1. Official ANDY SULEPHEN
Title APPROVALS
Company PSC ENVIRONMENTAL MGT
Address 6125 1/2 N. PECATONICA, PECATONICA, IL 61063
Telephone No. 815-239-1859
Date of Contact 7-27-89
2. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____
3. Official _____
Title _____
Company _____
Address _____
Telephone No. _____
Date of Contact _____

Note: Part II need only be completed with the first shipment of wastes
regulated by the land ban rules.

III. I certify under penalty of law that the requirements of 40 CFR Part 268.8
(a) (1) have been met and that I have contracted to treat my waste by the
practically available technology which yields the greatest environmental
benefit, as indicated in my demonstration. I believe that the information
submitted is true, accurate, and complete. I am aware that there are
significant penalties for submitting false information, including the
possibility of fine and imprisonment.

Name

CHRISTINE KOPF

Signature

Christine Kopf

Date

9/16/89

Demonstration of Practically Available
Technology which yields the Greatest
Environmental Benefit. For use with
land ban wastes where no treatment
standard has been set by EPA - (soft hammer wastes)

2487

Mr. VALDAS V. ADAMKUS
Regional Administrator
EPA Region ✓
230 S. DEARBORN
CHICAGO, IL 60604

SHIPMENT TO: PSC Environmental Management, Inc.
6125 1/2 N. Pecatonica RD, P.O. 697
Pecatonica, IL 61063
EPA# ILD980502744
PSC Profile # 2741

Dear Mr. ADAMKUS

This notification is a demonstration and certification that I have selected **reclamation and recycling** as the practically available technology which yields the greatest environmental benefit.

I. Identification information

Generator Name: MICHAEL REESE HOSPITAL Manifest #: IL 3214828
Address: LAKE SHORE DRIVE AT 31ST Completed By: MIKE WICK
CHICAGO IL 60611 Title: Agent for PES
EPA ID#: ILD 982 625006 Date: 9-21-89

This shipment as referenced by the Manifest No. contains waste(a) which correspond to the following USEPA Hazardous Waste Number(s): U151

Additional Waste Numbers may be listed on the Manifest.

II. In order to determine that reclamation and recycling as the practically available technology which yields the greatest environmental benefit, I contacted the facilities and officials listed below:

- | | |
|---|-----------------------|
| 1. Official <u>ANDY SULEPHEN</u> | 2. Official _____ |
| Title <u>APPROVALS</u> | Title _____ |
| Company <u>PSC ENVIRONMENTAL MGT</u> | Company _____ |
| Address <u>6125 1/2 N. PECATONICA, PECATONICA, IL 61063</u> | Address _____ |
| Telephone No. <u>815-239-1159</u> | Telephone No. _____ |
| Date of Contact <u>7-27-89</u> | Date of Contact _____ |
| 3. Official _____ | |
| Title _____ | |
| Company _____ | |
| Address _____ | |
| Telephone No. _____ | |
| Date of Contact _____ | |

Note: Part II need only be completed with the first shipment of wastes regulated by the land ban rules.

III. I certify under penalty of law that the requirements of 40 CFR Part 268.8 (a) (1) have been met and that I have contracted to treated my waste by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name CHRISTINE KOPF Signature Christine Kopf Date 9-26-89

2445

SOFT HAMMER WASTES
NOTIFICATION/CERTIFICATION/DEMONSTRATION

GENERATOR NAME: MICHAEL REESE HOSPITAL
WASTE CODE: U044

EPI PROFILE #: 33121

ICD982625006

This form is submitted in accordance with 40 CFR Part 268 which restricts the land disposal of certain hazardous wastes. I have marked the appropriate item below to indicate if alternative treatment has been found for my waste or if land disposal is the only practical method for disposal of my waste.

RECEIVED
WMD RCRA

1/29/93

1. ☐ Soft-Hammer wastes for which disposal in landfill or surface impoundment is the only practical alternative to treatment currently available.

I have made a good-faith effort to locate and contract with treatment and recovery facilities practically available which can meaningfully reduce the toxicity or mobility of hazardous constituents in the waste, as an alternative to land disposal. I have found no such alternative facility. I have submitted a demonstration in accordance with 40 CFR 268.8(a)(2), including a list of facilities and facility officials contacted, addresses, telephone numbers, contact dates, and an explanation of why no treatment is practically available.

"I certify under penalty of law that the requirement of 40 CFR 268.8(a)(1) have been met and that disposal in a landfill or surface impoundment is the only practical alternative to treatment currently available. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

SEE SECTION 3 FOR DEMONSTRATION

2. ☐ Soft-Hammer wastes for which alternative treatment or recovery has been located.

I have identified a practically available treatment technology that yields the greatest environmental benefit. Together with the initial shipment of waste represented by this form, I submitted a demonstration in accordance with 40 CFR 268.8(a)(1), including a list of facilities and facility officials contacted, complete with addresses, telephone numbers, and contact dates, and a justification that I have chosen the best treatment that is practically available.

"I certify under penalty of law that the requirements of 40 CFR 268.8(a)(1) have been met and that I have contracted to treat my waste (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of imprisonment."

SEE SECTION 3 FOR DEMONSTRATION

This notification certification should be submitted with the waste profile and must accompany every shipment of restricted waste for which it is appropriate.

NAME: Thurston Corp SIGNATURE: 8/21/89

3. ☐ I have not identified a practical alternative to land disposal for my waste. Listed below are the facilities contacted including names, addresses, contacts, dates of contact, and phone numbers.

☒ I have identified a practically available treatment technology that yields the greatest environmental benefit. That treatment is BLENDING code TSO. Listed below are the facilities contacted including names, addresses, contacts, dates of contact, and phone numbers.

LIST OF FACILITIES CONTACTED

FACILITY NAME	ADDRESS	FACILITY CONTACT	PHONE	DATE
ENVIRONMENTAL ENTERPRISES	4650 SPRINKLE CREEK	WARRANTY	913-541-1823	
	CINCINNATI OHIO		45232	

This demonstration must be submitted with profile and FIRST SHIPMENT only.

Date: 2-6-90

To: Valdas V. Adamkus
Regional Administrator
USEPA
237 S. Dearborn Street
Chicago, Ill. 60604

2084
RECEIVED
FEB 12 1990
OFFICE OF RCRA
WASTE MANAGEMENT DIVISION
EPA REGION V

MAC 699795

Re: Soft Hanner Demonstration and Certification for

Name: ILLINOIS INSTITUTE OF TECHNOLOGY EPA ID No.: ILD 982644519

Address: 3324 S. ILLINOIS ST.
CHICAGO, IL 60616 Phone No.: (312) 587-3328

Dear Sir:

The Land Disposal Restrictions (40 CFR Part 268) prohibit the land disposal of listed hazardous wastes which do not meet treatment standards specified by the US EPA. 40 CFR 268.8(a) requires generators of "soft-hanner" wastes. (First- and Second-Third wastes for which no treatment standard has yet been established) to:

- (1) Make a good faith effort to locate and contract with treatment and recovery facilities which use the practically-available technology which yields the greatest environmental benefit, and
- (2) Submit appropriate documentation of that effort to the EPA Regional Administrator.

This letter is intended to serve as a soft-hanner demonstration and certification for the following waste streams:

<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>
<u>U117 ETHYL ESTHER</u>	<u>U068 DIBROMOMETHANE</u>	
<u>U134 METHANOL</u>	<u>U046 CHLOROMETHYL METHYL ESTHER</u>	
<u>U124 FURAN</u>	<u>U209 1,1,2,2-TETRACHLOROETHANE</u>	
<u>U055 COMBENI</u>	<u>U226 1,1-TRICHLOROETHANE</u>	
<u>U069 DIBUTYL PHTHALATE</u>	<u>U211 CARBON TETRACHLORIDE</u>	
<u>U008 ACRYLIC ACID</u>	<u>U037 -CHLOROBENZENE</u>	
<u>U080 DICHLOROMETHANE</u>		

All of the soft-hanner waste streams noted above are "U" or "P" code hazardous wastes which, by definition, are commercial chemical products intended to be discarded. These wastes were generated as the result of a laboratory cleanout operation conducted on our behalf by Clean Harbors of Chicago, Inc. None of the wastes included above are spent solvent (F001-F005) or dioxin (F020-F028) wastes.

Clean Harbors of Matlock, Inc. has contacted the following hazardous waste treatment and recovery facilities on our behalf and, based on those inquiries, determined that incineration is the best practically-available treatment method for above-described waste streams. In no case will any of the above-listed wastes (or residues) be disposed or treated in a land disposal unit in excess of the California List prohibition levels.

1. Clean Harbors of Braintree, Inc.
385 Quincy Avenue
Braintree, MA 02184 (617) 849-1807
Contact: Doug Lanich (7/14/89): "All material sent to this facility are organic materials (mostly solvents). This material is blended for incineration which is the best available method of treatment for this material."
2. Trade Waste Incineration
7 Mobile Avenue
Sauget, IL 62201 (618) 271-2804
Contact: Dennis Marchol (7/14/89):
"Incineration is the practically available technology which yields the greatest environmental benefit. The waste is principally organic residues which are best destroyed by incineration"
3. EXSCO, Inc.
American Oil Road
El Dorado, AR 71730 (501) 223-4160
Contact: Eva Dodd (7/14/89): "All material is incinerated on site. Incineration is the best-available technology for the destruction of organic material."
4. ThermalKEM
454 S. Anderson Road
Rock Hill, SC 29730 (803) 329-9690
Contact: Mickie Humphries (7/14/89):
All material is incinerated on site in a fixed hearth kiln. All ash is sent to secure chemical landfill. Incineration is the best practical treatment technology for the destruction of organic material."
5. Tricil, Ltd.
1829 Allansport Road
Thorold, Ont., CANADA (416) 227-7872
Contact: Gregg Rempelgas (7/14/89):
"Material is blended for incineration offsite. Nonincinerables are neutralized and solidified which significantly reduces the toxicity and hazards of that material."
6. CWM/SCA Chemical Services
11700 S. Stony Island Avenue
Chicago, IL 60617 (312) 646-5700
Contact: Bruce Marti (7/14/89): "The soft-hammer waste that is accepted at this facility is incinerated which is the best-available treatment technology for the destruction of organic material and residues."

Certification

"I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that I have contracted to treat my waste (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

DAVID W. SCHMIDT
Name (Print)

SAFETY SUPERVISOR
Title

David W. Schmidt
Signature

(IF APPLICABLE)

This soft-hammer demonstration/certification replaces previous notice(s) submitted to EPA on the following date(s):

2085

Date: 2-6-90

To: Valdas V. Adamkus
Regional Administrator
USEPA
237 S. Dearborn Street
Chicago, Ill. 60604

MAC 699794

Re: Soft Hammer Demonstration and Certification for

Name: ILLINOIS INSTITUTE OF TECHNOLOGY EPA ID No.: IWD 982644 569Address: 3324 S. DEARBORN ST.
CHICAGO, IL 60606 Phone No.: (312) 587-5328

Dear Sir:

The Land Disposal Restrictions (40 CFR Part 268) prohibit the land disposal of listed hazardous wastes which do not meet treatment standards specified by the US EPA. 40 CFR 268.0(a) requires generators of "soft-hammer" wastes. (First- and Second-Third wastes for which no treatment standard has yet been established) to:

- (1) Make a good faith effort to locate and contract with treatment and recovery facilities which use the practically-available technology which yields the greatest environmental benefit, and
- (2) Submit appropriate documentation of that effort to the EPA Regional Administrator.

This letter is intended to serve as a soft-hammer demonstration and certification for the following waste streams:

<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>
<u>U051 - CRISOLITE</u>		
<u>U170 - P-NITROPHENOL</u>		
<u>U060 - DICHLOROMETHANE</u>		

All of the soft-hammer waste streams noted above are "U" or "P" code hazardous wastes which, by definition, are commercial chemical products intended to be discarded. These wastes were generated as the result of a laboratory cleanout operation conducted on our behalf by Clean Harbors of Chicago, Inc. None of the wastes included above are spent solvent (F001-F005) or dioxin (F020-F028) wastes.

Clean Harbors of Natick, Inc. has contacted the following hazardous waste treatment and recovery facilities on our behalf, and, based on those inquiries, determined that incineration is the best practically-available treatment method for above-described waste streams. In no case will any of the above-listed wastes (or residues) be disposed or treated in a land disposal unit in excess of the California List prohibition levels.

1. Clean Harbors of Braintree, Inc.
385 Quincy Avenue
Braintree, MA 02184 (617) 849-1807
Contact: Doug Lanich (7/14/89): "All material sent to this facility are organic materials (mostly solvents). This material is blended for incineration which is the best available method of treatment for this material."

2. Trade Waste Incineration
7 Mobile Avenue
Sauget, IL 62201 (618) 271-2804
Contact: Dennis Marchol (7/14/89):
"Incineration is the practically available technology which yields the greatest environmental benefit. The waste is principally organic residues which are best destroyed by incineration"

3. EMSCO, Inc.
American Oil Road
El Dorado, AR 71730 (501) 223-4160
Contact: Eva Dodd (7/14/89): "All material is incinerated on site. Incineration is the best available technology for the destruction of organic material."

4. ThermalKEN
454 S. Anderson Road
Rock Hill, SC 29730 (803) 329-9690
Contact: Nickie Humphries (7/14/89):
All material is incinerated on site in a fixed hearth kiln. All ash is sent to secure chemical landfill. Incineration is the best practical treatment technology for the destruction of organic material."

5. Tricil, Ltd.
1829 Allansport Road
Thorold, Ont., CANADA (416) 227-7872
Contact: Gregg Rempelgas (7/14/89):
"Material is blended for incineration offsite. Nonincinerables are neutralized and solidified which significantly reduces the toxicity and hazards of that material."

6. CWM/SCA Chemical Services
11700 S. Stoney Island Avenue
Chicago, IL 60617 (312) 646-5700
Contact: Bruce Karti (7/14/89): "The soft-hammer waste that is accepted at this facility is incinerated which is the best-available treatment technology for the destruction of organic material and residues."

Certification

"I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that I have contracted to treat my waste (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

DAVID W. SCHMIDT
Name (Print)

SAFETY SUPERVISOR
Title

David W. Schmidt
Signature

(IF APPLICABLE)

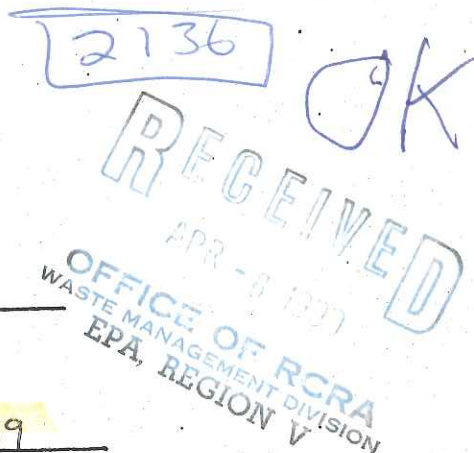
This soft-hammer demonstration/certification replaces previous notice(s) submitted to EPA on the following date(s):

Date: 4-2-90

To: Valdas V. Adamkus
Regional Administrator,
USEPA
237 S. Dearborn Street
Chicago, Ill. 60604

RECEIVED
WMD RCRA
RECORD CENTER

2-22-93
Comp



MA-C 887815

Re: Soft Hammer Demonstration and Certification for

Name: Illinois Institute of Technology EPA ID No.: IL0982644369

Address: 3324 S. Federal St

Chicago, IL 60616 Phone No.: 312-567-3992
3992

Dear Sir:

The Land Disposal Restrictions (40 CFR Part 268) prohibit the land disposal of listed hazardous wastes which do not meet treatment standards specified by the US EPA. 40 CFR 268.8(a) requires generators of "soft-hammer" wastes. (First- and Second-Third wastes for which no treatment standard has yet been established) to:

(1) Make a good faith effort to locate and contract with treatment and recovery facilities which use the practically-available technology which yields the greatest environmental benefit, and

(2) Submit appropriate documentation of that effort to the EPA Regional Administrator.

This letter is intended to serve as a soft-hammer demonstration and certification for the following waste streams:

<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>	<u>EPA Waste Code & Description</u>
<u>U226 - 1,1,1-Trichloroethane</u>		

All of the soft-hammer waste streams noted above are "U" or "P" code hazardous wastes which, by definition, are commercial chemical products intended to be discarded. These wastes were generated as the result of a laboratory cleanout operation conducted on our behalf by Clean Harbors of Chicago, Inc. None of the wastes included above are spent solvent (F001-F005) or dioxin (F020-F028) wastes.

Clean Harbors of Matlack, Inc. has contacted the following hazardous waste treatment and recovery facilities on our behalf, and, based on those inquiries, determined that incineration is the best practically-available treatment method for above-described waste streams. In no case will any of the above-listed wastes (or residues) be disposed or treated in a land disposal unit in excess of the California List prohibition levels.

1. Clean Harbors of Braintree, Inc.
385 Quincy Avenue
Braintree, MA 02184 (617) 849-1807
Contact: Doug Lanich (7/14/89): "All material sent to this facility are organic materials (mostly solvents). This material is blended for incineration which is the best available method of treatment for this material."
2. Trade Waste Incineration
7 Mobile Avenue
Sauget, IL 62201 (618) 271-2804
Contact: Dennis Warchol (7/14/89):
"Incineration is the practically available technology which yields the greatest environmental benefit. The waste is principally organic residues which are best destroyed by incineration"
3. ENSCO, Inc.
American Oil Road
El Dorado, AR 71730 (501) 223-4160
Contact: Eva Dódd (7/14/89): "All material is incinerated on site. Incineration is the best-available technology for the destruction of organic material."
4. ThermalKEM
454 S. Anderson Road
Rock Hill, SC 29730 (803) 329-9690
Contact: Mickie Humphries (7/14/89):
All material is incinerated on site in a fixed hearth kiln.
All ash is sent to secure chemical landfill. Incineration is the best practical treatment technology for the destruction of organic material."
5. Tricil, Ltd.
1829 Allansport Road
Thorold, Ont., CANADA (416) 227-7872
Contact: Gregg Rempelgas (7/14/89):
"Material is blended for incineration offsite. Nonincinerables are neutralized and solidified which significantly reduces the toxicity and hazards of that material."
6. CWM/SCA Chemical Services
11700 S. Stoney Island Avenue
Chicago, IL 60617 (312) 646-5700
Contact: Bruce Karti (7/14/89): "The soft-hammer waste that is accepted at this facility is incinerated which is the best-available treatment technology for the destruction of organic material and residues."

Certification

"I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that I have contracted to treat my waste (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

DAVID W. SCHMIDT

Name (Print)

SAFETY SUPERVISOR

Title

David W. Schmidt

Signature

(IF APPLICABLE)

This soft-hammer demonstration/certification replaces previous notice(s) submitted to EPA on the following date(s):
